GRUMMAN plane news

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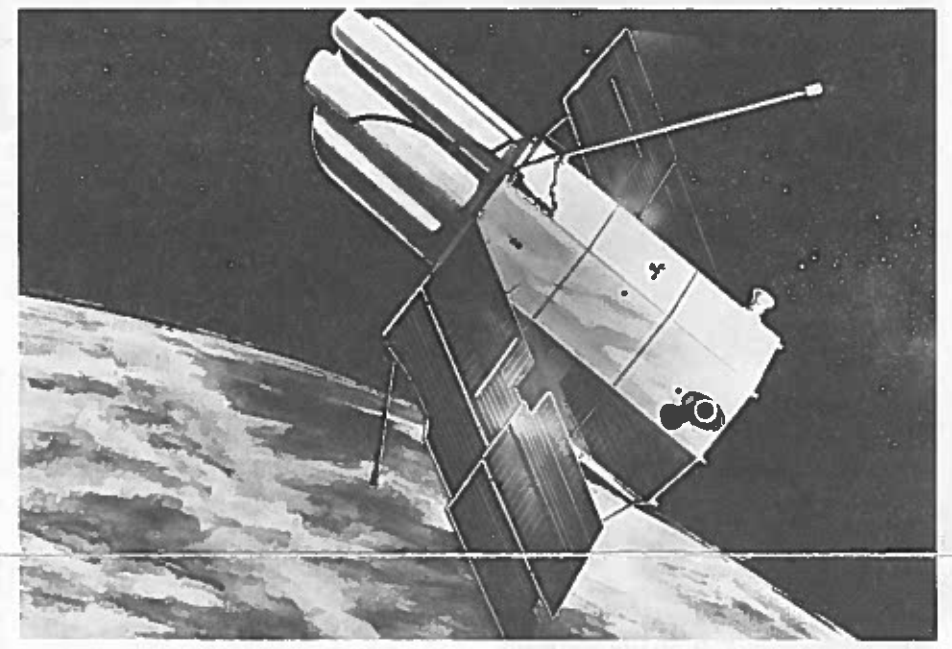
NASA salutes Grumman team working on OAO at Goddard

Although it was expected to operate in space only one year, Copernicus, the fourth in the series of Grumman-built Orbiting Astronomical Observatory (OAO) satellites, has been sending scientific data back to earth since it was launched in August 1972.

This month at its annual awards ceremony in Washington, D.C., NASA saluted the Grumman OAO Operations team with its 1976 Award of Honor, symbolic not only of the excellent design and high product quality of the spacecraft but also of the dedication and talent of the Grumman team.

Grumman's Space Programs director Don Imgram and Earl Light, manager of Grumman OAO Operations at the Goddard Space Flight Center, Greenbelt, Md., accepted the award on the team's behalf from NASA administrator Dr. James Fletcher. The award reads: "For the continued success of the Copernicus satellite over the past four years. The dedication and competence of this team have resulted in the development of innovative methods of operating the spacecraft and its instruments and provided worldwide astronomers the opportunity to increase man's knowledge of stellar and interstellar phenomena."

The OAO is one of the heaviest and most complex unmanned satellites the United States has placed in orbit. The Grumman team at Goddard along with NASA representatives and astronomers from around the world, plan each day's mission, monitor the spacecraft's safety, and receive data 24 hours a day—and have so throughout more than eight years of the series. That record remains unsurpassed.



Cite Copernicus. In August 1972, NASA launched a Grumman-built OAO, named Copernicus, for what was expected to be a one year operational mission. Today, over four years later, Copernicus continues to collect scientific data and transmit it back to earth where it is being studied by astronomers around the world.

Hundred plus. Executive Vice President Ralph Tripp (L) presents Ralph Warren with an F-14 wrist watch for his unmatched record in approved employee suggestions. Warren has become the first Grummanite to break the 100 mark with 122 approved ideas, worth over $3000 in U.S. Savings Bonds.

Warren breaks idea record by passing century mark

Ralph Warren of Plant 6 has joined the 100-Plus Club, an exclusive organization. So exclusive, in fact, that right now he's the only member. Ralp is the first Grummanite to be credited with over 100 approved employee suggestions, an accomplishment recently noted when Executive Vice President Ralph Tripp presented him with an F-14 wrist watch.

With 122 approved ideas, good for $3,425 in U.S. Savings Bonds, $738 in merchandise, a diamond Project Sterling pin, and an engraved F-14 model, the structural mechanic is understandably pleased with the Project Sterling suggestion system. "It's great to be able to improve your job," says Warren, "but the incentive, of course, is helpful too."

A 19-year Grumman veteran, Ralph has won most of his awards in the past five years, but in 1966 he also won a trip to Cape Kennedy to witness the launching of a Saturn V rocket, an incentive award for his work on the LM program. "That was almost as memorable as passing the 100 mark," says Warren.

Oftentimes Ralph submits suggestions along with co-workers Marty Van Essendelft and Stan Orlasky. "It's basic teamwork, really. The key is working together, because with three guys you can cover a lot of ground." Ralph added, "One important thing that most people forget is what goes on after a suggestion is submitted. It can take as little as a half-hour to fill out the forms, but after that there's still a lot of work. A group from engineering, production, quality control, and other major departments has to evaluate the idea and determine its value.

"The thing to do if you have an idea is not to sit there and wonder about it, but put it on paper and turn it in. Nine times out of 10 it comes through as an improvement for the program."

people

What's an Iranian Halloween party like? No different than any other, except better. Last month the F-14 community in Isfahan held its first annual pumpkin-season bash

Do I hafta?' Young Joe Slattery looks a little apprehensive at what he might find at a Halloween party in Iran as his mother Pat offers encouragement and a helping hand.

and outdid themselves. There were costumes aplenty, from the Statue of Liberty to a "walking" table set for coffee and tea, plus tons of snacks, a haunted house, several fortune tellers, and a magician. The entire community pitched in to plan, decorate, and prepare for the event, including the Young American Girl's Club and Explorer Post 76.

There's more to recreation in Iran than seasonal parties. The Personnel Support Services recreation staff in Isfahan keeps the 1,500 people (Grummanites and associate company personnel and families) busy, with a leisure-time schedule that fills up the calendar. There are usually three or four movies available every week (at a local school or British Council Theatre), various crafts and arts workshops, square dances, lectures, sports teams, country fairs, and, just recently begun, The Esfahan Players, a community drama group that has already staged Neil Simons' *Come Blow Your Horn.*

Just looking at the offerings in the trips and tours department is exhausting. The last issue of *Tomcat's Tale*, the F-14 community services bulletin, listed the following: A Tehran shopping trip, a Shiraz jaunt, walking tours of Isfahan, day trips to Baghbahadoran, Nain, Pirebakran, and Natanz, and two Christmas trips; one to Italy and the other to Bangkok. Have you ever seen a Thai Santa?

Santa helps

Each year just before the holidays Santa Claus and his magical clowns deliver gifts to the children of St. Christopher's Home in Sea Cliff. This year they will go home again.

Welcome aboard. As head of Grumman Field Service in the Pacific, Terry Newitt does a lot of traveling. While onboard the carrier USS Constellation recently, he had the chance to personally congratulate the new commanding officer, Capt. M.A. 'Mo' Peelle, and, with fellow Grummanite John Griffing (R), presented the new skipper with an F-14 Tomcat picture.

Supply Operations, of Integrated Logistics Support, is sponsoring the seventh annual Special Orphans Drive for the benefit of the Home's disabled and handicapped children.

There are Supply Operations drive representatives in most Bethpage plants who are now accepting donations from fellow Grummanites and their friends so that they can take toys and games to the little people. If you have any questions or would like to help, call Arnie Pinker, Plant 5, Ext. 84646 or 84647.

Appointments

Among those who recently received changes in assignments were: DEPARTMENTAL OPERATIONS—in Integrated Logistics Support, Edward Stepnoski was appointed site manager, MCAS Cherry Point, No. Carolina; and in GREAT RIVER OPERATIONS—Johanna Conners, forewoman, Electrical Final Assembly; Patrick Francis, section head, Manufacturing Requirements; and William Caniano, foreman, Mechanical Structure and Assembly.

calendar

AIAA: joint meeting with Society of Logistics Engineers; Tues., Nov. 30, dinner 6:45 p.m., presentation 7:45 p.m., Holiday Manor, 345 Hicksville Rd., Bethpage; L.I. Section; guest speaker: Gen. Michael Rogers, Commander, AF Logistics Command—"Budget Restrictions—Their Effect on USAF Logistics.., guests welcome. B. McCaffrey, 733-4212/ Jean Pyzanowski, x7401.

Aikido Club: every Mon. & Wed., 5:15 p.m., Pl. 35 cafe; Japanese Martial Art; L.I. Aikido Federation; all guests welcome. Bob Bauman, x3886/Mike Stock, x84014.

Alcoholics Anonymous: every Mon., 5 p.m., Pl. 39, classroom 1; closed meetings. Personnel Relations, x3521; **Calverton:** every Mon., 4-5 p.m., Pl. 8 trailer.

Amateur Radio Club: Wed., Dec. 15, 5 p.m., Pl. 5 roof, radio shack; local chapter; Christmas Party. Skip Courtney, x2536.

American Institute of Industrial Engineers: Wed., Dec. 8, 7:30 p.m., Hofstra U. Student Center, rm. 108; L.I. Chapter #86; guest speaker: L.K. Brainard, U.S. Chamber of Commerce—"The Effect of the National Elections—Regional Economic Outlook"; guests welcome. John Cosenza, x7498.

American Society of Mechanical Engineers: Wed., Dec. 15, 7 p.m., Holiday Manor, Bethpage; dinner meeting; local chapter; guest speaker: Steven Vardn, president, Northeastern Solar Energy Corp.—"Solar Heating"; all welcome; Wed., Dec. 1, 7:30 p.m., L.I. Lighting Co., Hicksville, rm.#210; general membership meeting. Brian McCaffrey, 733-4212.

Folk-Dancers Club (Calverton): every Tues., Thurs., lunchtime, receiving area, Pl. 6; all welcome. Virginia McGoey, x517-6770.

Grumman Dance Club: Thurs., Dec. 2 cha-cha, Dec. 9 folk-sancing, Dec. 16 folk-dance party; all welcome. Marvin Brown, x515-3777.

Grumman Family Campers: Sun.,Dec. 5, 5 p.m., Pl. 3 cafe; monthly meeting & Christmas party; guests welcome. John Cornacchia, x515-3625.

Grumman Model Railroad Society: every Wed., 5:30-9:30 p.m., Model RR Bldg. (at Pl. 33 rr crossing); regular meeting: guests welcome. Ray Muntz, x86101.

Grumman Scuba Divers Club: Wed., Dec. 1, 6 p.m., Chateau Restaurant, Bagatelle Rd., Dix Hills; election of officers. C. Schlicter, x6120.

Grumman Tennis Club: first Tues. of every month, 5 p.m., Pl. 28 auditorium. Frank Campagna, x84605.

Grumman Toastmasters Club: Wed., Dec. 1, 5 p.m., Pl. 25 conference rm. #1C; local chapter; regular meeting; guests welcome. Tom Smith, x3533.

Society of Logistics Engineers: joint meeting with AIAA; **work shop** prior to meeting 5:00-5:45 p.m., Manor Room, Holiday Manor; "Preparation of Technical Papers"; **CPL class** Mon., Nov. 29, 5:30 p.m., Pl. 28. Norm McDowell, 752-3448.

Society of Manufacturing Engineers: Mon., Dec. 6, 7:30 p.m., PINY, Rte. 110, Farmingdale; local chapter; executive meeting; Mon., Dec. 13, 7:30 p.m., PINY; local chapter; guest speaker: George A. Urso, Newton-New Haven Co.—"Die Casting Workshop"; all welcome. Bob Lamana, x3947.

Stamp Club: 1st, 2nd, 3rd Wed. of each month, 4:45 p.m., Pl. 30 cafe. Steve Hoops, x87451.

The National Secretaries Association (Intl.): Thurs., Dec. 16, cocktails 6:30 p.m., dinner 7 p.m., followed by meeting, Polish Independent Club, Black Lantern Room, Marcy Ave., Riverhead; annual Christmas meeting & initiation of new members; prizes; lecture—"Teaching All Children of All People"; guests welcome. E. Merten Gaias, x517-7181.

obituaries

JUVENCIO RODRIGUEZ of 6002 Dowber, Houston, Texas died November 6 at the age of 27. He had been employed with Grumman Houston Corporation since 1973.

Personal

The family of Bay Collins would like to thank all our friends at Grumman for their kindness during our recent bereavement. **May Collins**

Holiday tunes

The Grumman Employees Band will once again be spreading holiday cheer around the company during lunch periods this season. In addition to the Employees Band under the direction of Matty Daniels, the Grumman Jazz Septet will also be performing. Here's the holiday schedule:

Band—Pl. 36 cafeteria, Dec. 13; Pl. 1 Assembly, Dec. 15; Pl. 3 cafeteria, Dec. 16; Pl. 30 cafeteria, Dec. 17; Pl. 35 cafeteria, Dec. 20; Pl. 2, adjacent to Shipping and Receiving, Dec. 21; Pl. 5 cafeteria, Dec. 22; Plant 2, adjacent to Shipping & Receiving, (night shift) 6 to 7 pm, Dec. 21.

Jazz Septet—Pl. 27 cafeteria, Dec. 13; Pl. 43 cafeteria, Dec. 14; Pl. 6 Assembly, Dec. 15; Pl. 15 cafeteria, Dec. 16, Pl. 40 cafeteria, Dec. 17.

Navy stresses reliability in outlining "new look"

The Navy is telling the aerospace industry that it wants products that are more reliable...and they're dead serious about getting them. On November 10, Rear Adm. George Jessen, assistant commander for Material Acquisition, Naval Air Systems Command, and Willis Willoughby, deputy chief of Naval Material for Reliability, Maintainability, and Quality Assurance, came to Grumman to outline the Navy's "new look," a procurement policy that calls for products to be designed with "reliability as the foundation."

"I'm here preaching reliability because we have a problem called readiness," said Jessen to the 130 Grumman management personnel. "We intend to improve the readiness rate of the fleet, not as an intellectual exercise, but because we're doing poorly—and that includes Grumman products." The problem was emphasized by Willoughby, who came to the Navy about two years ago from the National Aeronautics and Space Administration. "If we have a brief engagement with the enemy, we'll be superior, but if it's sustained, we will not. We have high performance and technology, but it can only succeed for a limited time, and after that there's too much maintenance and too many spare parts needed."

Stress specifics

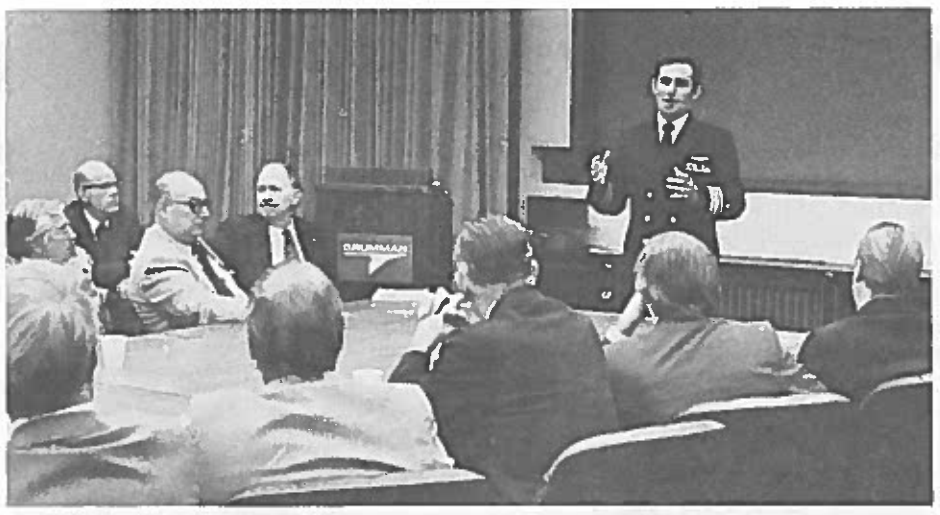
Both men stressed that the change in policy did not reflect a dissatisfaction with aerospace contractors, but a need for more specific requirements. Recalling a sample of 180 Navy contracts, Willoughby said, "We found no real reliability requirements in any of them, but it was obvious that every contractor gave the Navy as much performance or more than was asked for." Underscoring the traditional procurement problem, Willoughby added, "Any reliability the Navy got was by chance. That is, what was left over after the performance standards had been set."

To implement their "design for reliability" program, the Navy is beginning to include better mission definition, more thorough analysis and testing procedures, and complete design reviews for each product. "We want to design and test the device for a carrier environment," said Willoughby. Eventually, the design procedures should lessen the demand for spare parts and expensive maintenance, and increase the available funds for new programs.

Essential to design

What does the "new look" mean to Grumman? Larry Mead, Senior Vice President of Departmental Operations, thinks it's an essential part of design. "There's really no substitute for getting the airplanes designed right in the first place. If you build reliability in, it saves money for spare parts, maintenance, and so forth. It's vital, too, because you can't test reliability into a product." Mead said that Grumman has already begun programs working with the new design techniques and notes, "the only difference is that it requires more discipline on the part of the engineers."

Summing up the aim of the new program, Rear Adm. Jessen put it this way, "We want to eliminate a design philosophy similar to that of a landing signal officer who sees a crash on the carrier and says, 'Well, he looked good when he went by me.' Instead, we want to design for reliability, the key to readiness."



Stress reliability. Rear Adm. George Jessen outlines the Navy's "new look" in material acquisition to an assembly of Grumman and Naval personnel during a presentation in Plant 25 earlier this month. (Photo by Dick Sander)

Name three to new posts

On November 15, Bob Prais, former director of Material Management, was named deputy director of the Manufacturing Department, and director of Manufacturing Technology. Frank Messina is director of Manufacturing, a major corporate function that is included in Departmental Operations, headed by Senior Vice President Larry Mead.

In another move within Departmental Operations, Tom Harding was appointed director of Material Management. Tom Main, who had been director of Manufacturing Technology, is now a staff assistant to Executive Vice President Ralph Tripp.

Prais is now based in Plant 2, Ext. 7220; Harding in Plant 30, Ext. 2623; and Main in Plant 5, Ext. 3942.

GRUMMAN plane news

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Army selects IACS finalists; Grumman one of two chosen

The tougher the competition, the sweeter the victory. Such was the case when the U.S. Army Electronics Command (ECOM) chose Grumman Aerospace as one of two finalists to develop a new Integrated Avionics Control System (IACS). Both Grumman and the Collins Avionics Division of Rockwell International received $1.6 million parallel development pacts. Among the 12 others who competed, and lost, were such firms as Sperry, Hughes, IBM, and Litton.

Under the company's first major ECOM pact, Grumman will develop a multiplex system for integration of seven communication/navigation subsystems aboard Army helicopters. According to program manager George Cotter, the multiplex system concept of having more than one signal sent over the same wire has been around for years, but it has taken time for electronic technology to develop to a point where it would be efficient and economical.

Multiplex systems can reduce dramatically the miles and miles of wires, cables, and harnesses in today's aircraft. For instance, on Army helicopters, each communication/navigation subsystem (VFH/FM and UHF/FM radios, receivers, and transponders) has its own pair of electrical cables running to the cockpit. With the Grumman developed IACS, each of the seven subsystems' set of cables can be "joined together" in a computer control box in the fuselage, and connected by one double cable to a similar control box in the cockpit. By selecting control numbers on the panel, the pilot programs which communication/navigation systems he wishes to activate or shut down.

Way of the future

"By making one pair of cables do the same job as the many, many pairs needed before, IACS would definitely have an impact on the maintenance and reliability of the helicopter," says Cotter. "IACS would also have the capability to integrate up to 10 subsystems without any major electrical re-work. And, since the Army plans to apply IACS to several of its development helicopters, these communication/navigation systems

(Continued on page 4)

Warn suppliers on holiday gifts

Christmas may be a time for giving but if you're a Grumman supplier you'd better think twice about giving to Grumman employees, 'cause it will cost you a lot more than the price of the present.

In a letter prepared for Grumman Aerospace supplier, Vice President Phil Vassallo, director of Corporate Procurement Operations, cautioned firms doing business with the company that "No matter how well intentioned, we will view any considerations, gifts, or other favors, other than a holiday card or advertising materials of nominal value, offered to any Grumman employee to be a serious violation of our policy."

Vassallo went on to say that Grumman men and women are aware of the company policy on gifts and gratuities, but should any supplier feel pressured by an employee into giving a gift, it shoud contact him immediately.

"Please insure that none of your employees, for any reason, violates our policy," the Vassallo letter continued, "and report to me any problems you may encounter with the implementation of this policy. It is our intention that, without exception, any seller found in violation of the above stated policy will be immediately suspended and, where appropriate, the cognizant federal authorities will be notified."

Award winners prove two heads can be better than one

Jim Odom and Bob Smith put their heads together and came up with an idea that saves machining time on titanium skins used for the F-14 wing—and while doing it, they earned a Project Sterling award totaling $1,050 in U.S. Savings Bonds. Jim is a leadman and Bob operates a numerically controlled milling machine at Plant 56, Glen Arm, Maryland.

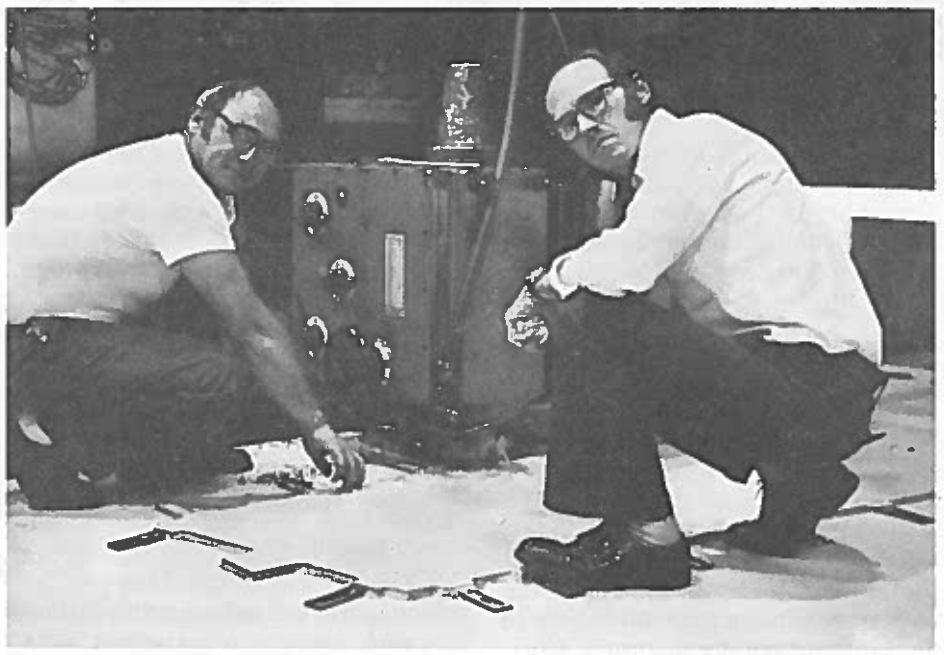
It's expected that the savings for the first year will amount to $12,000. Odom and Smith substituted a smaller cutter for the operation, then changed the program of the n/c machine, and made it possible to machine the skins without time-consuming clamp position changes to allow the cutter to pass-by the clamps.

Odom is not a novice when it comes to making suggestions. He already has 11 other accepted Project Sterling ideas to his credit. Odom says, "I believe a person should take the initiative on a job and decide whether there is a better way to do it." He will use the award to help his daughter Marlene with her expenses in college.

Smith agrees with Jim. He doesn't believe in just letting things go on as before because that means a person isn't thinking. One thing Bob will not have to think about is how to spend the award. He and his wife Doris have a few things in mind to spend the money on and "keep the economy alive."

Dominick Davi, a riveter assembler at Plant 6, also did some thinking and devised a better way to do his job on the F-14. His idea will save an estimated $5,500 during the first year and is worth $525 in U.S. Savings Bonds to him.

Dom already has 20 suggestions to his credit as he goes into his 11th year as a Grummanite. With two children now and one to be born, he puts all of his awards into the bank toward the future education of his family.



Winning duo. Jim Odom (L) and Bob Smith joined forces to win this month's top employee suggestion award. For their efforts, they will split $1,050 in U.S. Savings Bonds.

Dominick Davi

Other suggestion award winners for the month of October are:

$425—Edwin Wertz, Machine Shop, Pl. 56.

$350—Charles Whitmore, Transportation, Pl. 7; James Odom/Robert Smith, both of Mach. Shop, Pl. 56.

$325—William Moloney, Upholstery, Pl. 36; Robert Cutlip, Mach. Shop, Pl. 56

$300—Joseph DeGirolamo/Roger Gardner; Andrew Guszack/Frank Neri, all of Fluids, Pl. 6.

$275—Paul McGuire, Alodine, Pl. 3.

$250—David Walker/Richard Seleska, both of Honeycomb Prep.; William Piero, Alodine, all of Pl. 3; Kenneth Henriksen; Nicholas Maniscalco/Garry Barile, all of Elect. Install.; Roy Lawlor, Jigs, Dets., & Sub-Assy., all of Pl. 6.

$225—Ralph Warren/Martinus VanEssendelft, both of Structures, and Stanley Orlasky, Mfg. Insp. Mech., all of Pl. 6; John Winzinger, Elect. Test, Pl. 14.

$200—Frank Brown (two-time winner)/Robert Lentino, both of Sub-Assy. Maj, Pl. 1; Stanley Jastemski/Edward Watson, both of Trans-Ops., Pl. 2; Wayne Maurer, Elect. Install.; Robert Wallace, Elect. Bench Assy., both of Pl. 6; Salvatore Cappiello, Inv. Plan. & Analy., Pl. 30; Frederick Siperko/Wayne Sterling, both of Mach. Shop, Pl. 56; John Conway, Tech. Ops., Pl. 77.

$175—Kenneth Henriksen, Elect. Install.; Ralph Scheider, Structures, both of Pl. 6; John Kelly, Flt. Avionics, Pl. 7.

$150—Ralph Warren/Martinus VanEssendelft, both of Structures, and Stanley Orlasky, Mfg. Insp. Mech.; Kenneth Tovle/Edward Gross/Thomas Walsh, all of Elect. Install., all of Pl. 6; Veronica Clark, Crit. Matl. Cntl., Pl. 30.

Las Vegas trip on tap for May '77

The GAA-sponsored yearly jaunts to Las Vegas have provided hundreds of Grumman employees, retirees, and their family members an opportunity to spend a long weekend at the "Entertainment Capital of the World."l

Preparations for the May 13-16 1977 trip are now underway. The $279 package includes: round trip jet transportation via TWA with food and beverage service aloft including open bar; round trip transfers to/from airport and hotel; deluxe accommodations at the MGM Grand Hotel (based on double occupancy); Jai Alai tickets, and many extras.

Registration will take place on Wednesday, January 19 at the Plant 28 lobby at 5:30 p.m. For additional information, contact the GAA office on Ext. 2133 or 2269.

Flu shot changes

Because of a shortage of Bivalent influenza vaccine, Dr. Bob Jessup, Grumman medical director, reports that it will not be available during Grumman's swine flu innoculation program. This vaccine is used for those over 65 years of age and those with a history of heart disease, chronic lung disease, diabetes, neurologic diseases, or any other diseases. Anyone in this group wishing to be innoculated, he says, must go to their county health facility or personal doctor.

Monovalent vaccine will be the only influenza shot used during Grumman's innoculation program. This shot protects a person against swine flu only and not against any other influenza strains. Reactions to the new vaccine are similar to those of ordinary influenza vaccinations, says Jessup, and can be easily controlled by aspirin or an aspirin substitute. Those who have an allergy to eggs should not volunteer for innoculation and those who are pregnant must confer with their own doctor.

The innoculation program began in Plant 1 and will procede to each plant in numerical order. Those wishing their flu shots earlier than scheduled at Grumman should go to their local health facility or personal physician.

More on IACS...

(Continued from page 3)

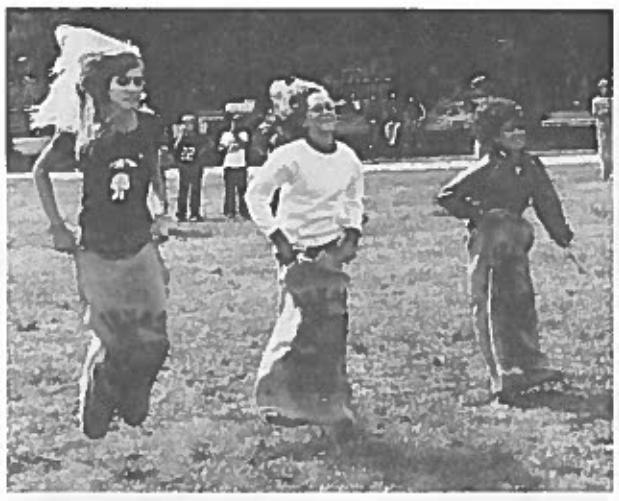
controls would be standardized in the cockpit."

According to John Kendrick of Customer Requirements, Grumman will deliver eight prototype systems to ECOM within the next two years. The Army will then conduct a six-month flight test program of both Grumman's and Collins' development hardware.

"Included in the present contract is the Army option to order 500 production IACS," states Kendrick. "This would represent an additional $10 to $15 million in new business."

IACS development effort will be undertaken in the Plant 14 multiplex systems lab. According to Cotter, should the Army decide to order production IACS, work would be done at Plant 43 in Great River.

Log exchange. Bob Raymond, Plant 4 Quality manager, hands over log books to Lt. Cdr. Paul Buchiem as E-2C No. 3 is returned to Navy, marking completion of most extensive repair job ever undertaken by Grumman after wheels-up landing and fire caused heavy damage to plane. Others at presentation are: (L to R) Bob Bischoff, E-2C project rep, AT-1 Dale Barham, Lt. Hank Shaw, Lt. Mike Farley, pilot. (Photo by Harry Prodromides)



Hopping affair. Potato sack races was only one of many events at the annual Grumman Houston picnic hosted by President Jack Buxton. Highlight of the day was the traditional barbeque—Texas-style, of course.

A day in the sun. Over 400 Grummanites and their families frolicked in the California sun at the seventh annual Pt. Mugu picnic, which featured game booths, rides, music, and the usual treats—hot dogs and beer.

Good times roll at family picnics

It's customary at Grumman family picnics for everyone to have a good time. At Isfahan, Iran, and Stuart, Fla., that tradition lives on.

Over 3,000 people attended the annual Plant 77 family outing (pictured above) which featured corn husking and egg-throwing contests, barbeque chicken, and pony rides, to name a few. On hand at the festivities were Vice President Jim Zusi, director of Stuart Operations, deputy Art Melrose, and two visitors from Bethpage, Executive Vice President Doc Tripp and Senior Vice President Ed Dalva.

At the second annual Isfahan family gathering (pictured below), coworkers and their families spent the day in much the same way as their fellow Grummanites did back in the States. The more energetic participated in swim relays, hustle contests, peanut hunts, melon eating contests, and Indian- and arm-wrestling bouts. Of course, there was plenty of good ole hamburgers, soda, ice cream, and beer for all.

A. Tamburro

E. Offner

C.W. Suntzenich

R.J. Delmage

E. Favale

A.T. Gainer

H.W. Mizell

T.A. Johnson

E.C. Arndt

P. Kleckowski Jr.

L.P. Lee

E. Zbikowski

W.J. O'Brien

J.J. Mikals

G.S. Clarkson

A.P. Lee

L.M. Ackerly

C. Robb

service milestones

40

Rudolf G. Kucera, Cent. Storage & Retrieval (2)

35

Robert E. Bennett, Prototype (2)
John Giglio, Mach. Shop (2)

30

Richard Bowe, Prod. Supervision Z3)
Matthew Tropiano, Prod. Cntl-Pts. Cntl. (3)
Albert W. Zarodkiewicz, Static Test (5)
John J. Barnes, Prod. Dev. Center (5)
Joseph A. Laucella, Warehouse (6)
John P. Pomercy, Offsite Control (21).
Arthur C. Mattson, Structural Des. (35)
Armond J. Aronne, Mech. Des. Stf. (35)

Thomas W. Watson, Personnel Admin. (6)
Vincent Rizzi, Structures (6)
Edward H. Best, Mfg. Insp. Elect. (6)
James J. Murphy, Des. Engg. Proj. Engg. (15)

25

Anthony Tamburro, Prototype (1)
Edward Offner, Sub-Assy. (1)
Francis A. Bernardo, Final Assy. (1)
Charles W. Suntzenich, Prod. Cntl-Parts Cntl. (1)
Barbara T. Welch, Mass Prop. Consol. & Cntl. (1)
Samuel Roselli, Router & Shear (2)
Raymond J. Delmage, Controls (2)
Carmine Casale, Prod-Cntl-Parts (2)
Eugene Favale, Stockrooms (2)
Albert T. Gainer, Jigs & Fixtures (2)
H. Wesley Mizelln Mach. Shop (2)
Theodore A. Johnson, Special Tool Des. (2)
Everett C. Arndt, Heat Treat (3)
Peter Kleckowski Jr., Engraving (3)
Lawrence P. Lee, Engraving (3)
Ralph Falero, Final Assy. (3)
Anthony J. Schumann, ILS Supply Ops. Proj. Mgt. (30)
Joseph C. Coffey, Contract Revenue (30)
Robert H. Edling, TS Mfg. Elec. Fab. (36)
Warren M. Smith, Elect. Bx. & Pan. Fab. (43)
James O. Roberts, Administration (43)
Edward Zbikowski, Wing Final Assy. (3)
William J. O'Brien, Honeycomb Prep. (3)
John J. Mikals, Commercial & Spec. Prod. (4)
George S. Clarkson, Maint-Rearrangement (5)
Archie P. Lee, Elect. Installation (6)
Leroy M. Ackerly, Structures (6)
Charles Robb, Critical Mat. Cntl. (6)
Irving Kaufmann, Struct. Sys. Prod. Support (6)
Howard N. Albert, Plant Protection (6)
Paul Birmingham, Maint. Controller (7)
Webster L. Hopkins, Metal & Weld. Engg. (12)
Stephen Golego, Hydraulics (14)
Frank P. Malone, Tech. Req. (15)
Alfred A. Allgeier, Templates (16)
Jerry P. D'Agostino, Offsite Cntl. (21)
Ernest D. Marten, Research (26)
John A. Greguski Jr., ILS Financial (35)
Richard I. Oley, ILS Field Serv. Mgmt. (35)
Robert A. Uzar, Cnctr. Maint. Serv. (35)
Arthur W. Miller, Tool Maint. & Repair (36)
John B. Mills, Mfg. Schedules TS (36)
Edmund Kos, Elect. Harn. Fab. (44)
Herbert C. Holland, Technology (66)
Joseph F. Gerardi, Flight Test (88)

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Also in this month's photo coverage are three Grummanites whose pictures were not available for October's listing. They are: Robert Washington, Carl Sorenson, and Irwin Solomon.

I. Kaufmann

P. Birmingham

S. Golego

F.P. Malone

A.A. Allgeier

H.N. Albert

J.P. D'Agostino

E.D. Marten

J.A. Greguski Jr.

R.I. Oley

R.A. Uzar

A.W. Miller

J.B. Mills

E. Kos

J.F. Gerardi

C. L. Sorenson

I. Solomon

R. Washington

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Alexander J. Jones, Sub-Assy. Major (1)
Mildred H. Capobianco, Mfg. Tech. Prod. Serv. (1)
Edwin R. Leverich, Maint-Rearrangement (2)
Carl R. Eden, Presentation Serv. (2)
Richard C. Kosse, Food Serv. (2)
Ralph Moccio, Insp-Mech. (2)
William Piero, Alodine (3)
Charles Gennario, Chem. Mill (3)
William F. Halversen, Center Sect-Final (3)
Charles H. Seider, Trans-Ops. (3)
Anthony Sidonio, Maint-Rearrangement (3)
Walter K. Maas, Maint-Rearrangement (3)
Peter Dmuchowsky, Maint-Facl. Equip. & Gen. (4)
Robert F. Sendelback, Out-of-Prod. Spares (4)
Genevieve P. Howell, Commercial & Spec. Prod. (4)
Edward W. Weisse, Maint-Rearrangement (6)
Marion B. Cain, Medical (6)
Richard H. Myers, Plant Protection (6)
Reme M. Lanza, Prod. Control (6)
James F. Nelson, Jigs, Dets., & Sub-Assy. (6)
Lawrence W. Conlon Jr., Ops., Mgmt. & Stf. (6)
Vincent A. Devino, Flt. Safety & Support (7)
Eugene N. Blanck, Mfg. Insp-Mech. (7)
Peter S. Sentz, ILS Cust. Orders & Rec. (15)
James A. Holman, Offsite Control (21)
Carl Amato Jr., ILS Prog. Mgt. (25)
Lewis H. Homire, Sys. Engg., Proj. Enggs. (25)
George F. Amentler, Maint-Facl Equip. & Gen. (27)
Sam Coco, Maint Admin. (30)
Peter A. Morris, ILS Resource Application (35)
Frank J. Rauch Jr., Dynamics (35)
Jay Mendelsohn, Sys. Sciences (35)
Victor M. Pick, Fluid Dynamics (35)
Anthony Bartilucci, Veh. Thermal Balance (43)
Clinton H. Inniss, Prod. Rel. & Analy. (43)
George J. Kruta, QualInspectors (60)
Theodore F. Walker, InspectQC (77)
Francis Oczko, Time Card Cntl. (HQ)

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William Hands, Structural Des. (1)
Robert J. Voelkel, Controls & Mech. (1)
Bruno J. Priebe, Cutter Grinder (2)
Francis A. Rattinger, Conv. Mach. (3)
Richard M. Brill, Honeycomb Final (3)
Roderick M. Rose, Stability & CntlFly Qual. (5)
Robert W. McCormack, Estimatingricing (5)
Keeler Sargent, Corp. Contracts (5)
Catherine L. Coutieri, Config. Data Mgmt. (5)
John W. Kilborn, Aircraft Prog. (6)
Bruce J. Cecere, Elect. Bench Assy. (6)
Arrigo Predonzan, Manpower Budg. & Cost Stat. (6)
Joseph T. Sobierajski, Ops. Software Dev. (7)
Constantine G. Vloutely, Air Traffic & Radio Comm. (7)
John C. Wheeler, Tech. Req. (15)
Robert O. Smith, Power Plant Des. (15)
William L. Stone, ILS Qual. Control (17)
Joseph F. Caponi, Plant Protection (18)
John C. Schroeder, Power Plant Des. (25)
James L. Kapsalis, Structural Analy. (25)
Albert T. Ghoreyeb, Prog. Qual. Mgt. (25)
William O. Clarke Jr., Prog. Contracts (25)
William P. Carl Jr., PM Energy Prog. (25)
William J. Poit Jr., Research (26)
John J. Matuska, Tool Maint. & Repair (27)
Henry W. Hinton, Advance Plng. (30)
Joseph V. Murray, ILS Pubs. Proj. Mgt. (34)
Stanley Roberts, ILS Tech. Writing (34)
Jacob S. Gompers, ILS Tech. Writing (34)
Jeremiah J. Cronin, ILS Equip. Tech. Mgt. (35)
Ralph T. Nelson, Comm. Nav. & IFF (35)
Vincent G. Russo, Resource Mgt. (35)
Albert E. Koesling, TS Training Mgt. (39)
Allan L. Johnson, Fluid Power (40)
Howard R. Wright Jr., Aerodynamics Stf. (40)
John J. Murphy, Aux. Sys. & Arma. Cntl. (40)
John T. Finley, Prog. Contracts (40)
Lawrence H. Bauer, Prog. Mgmt. Marine (40)
Floyd S. Marken, Prog. Mgmt. Marine (40)
Frank C. Bagatta Sr., ILS Commodities Cntl. (43)
Joseph L. Paquin, Avionics Purchasing (44)

retirees

On behalf of their fellow workers, PLANE NEWS salutess the following men and women on their contributions to the company and on behalf of their co-workers wishes them well in their retirement. Those who retire in November are:

William Abasola (3), Albert Adams (1), Lester G. Backer (5), George N. Baldwin (36), William A. Bellmer (30), Charles G. Beurer (43), John V. Biggers (36), Nicholas Bilogan (2), Peter P. Bonfanti (12), Anthony J. Bozzella (36), John N. Bruscino (1), Warren Buddenberg (1), Michael DeMeo (17), Harry T. Dolan Jr. (6), Helen Dziewisz (1), Hugh L. Earhart Jr. (35), Warren C. Fleming (6), James Goley (25), Harrison S. Hilbert (15), Henry C. Huppert (3), Warren J. Kenny (7), George R. Klein (2), Emil E. Grambow (43), Webster L. Hopkins (12), John F. Koscinski (4).

Also Edward M. Kuhne (16), Robert J. Lang (4), Melvin D. Lounsbury (40), James Q. McPherson (87), Kenneth M. Mains (6), Charles H. Miller Jr. (6), Robert Olsen (15), Benedetto Palazzolo (2), Forrest T. Pearsall (30), Bernard J. Picone (1), Stanley P. Popielaski (36), Norace Sacher (6), Bernard Sadowitz (3), Robert Safar (11), John G. Schwartz (94), Western E. Seidler (12), Charles W. Sheeron (44), Edward Sieminski (25), Malcolm Stewart (34), William F. Strand (3), Warren Velsor (3), Karl R. Vosbrinck (24), George V. Wagner (27), Sebastian C. Bombace (25), Robert L. Conrad (87).

Nets tix

GAA has acquired discount tickets to the N.Y. Nets basketball game on December 10 against the Detroit Pistons. Tickets—$7 seats for $4 and $5.50 tix for $3—are now on sale in the GAA building.

They're No. 1. The two Grumman varsity squads tied this season for the L.I. Industrial Tennis league championship. Members of the Blue varsity (left of the center court line) and Gold team members are (L to R); kneeling–John Hsu, Dave McKendrick, Vinny Casale, Dick Bergman, Mel Rimer, Gerry Fogel, Norm Dvoskin; standing–Al Kirillin, Andy Kaufman, Tom Guarino, Bill Wenzel, Bob Bentler, John Erickson, Jay Leng, Gus Spyridon, Dick Reade, Bob Steele, Dick Kline, Tom Adee, and Jacques Crouzet-Pascal. Goldsters Bill Jaklitsch and Craig Langwost, and Joe DiStefano and Wayne Mercer of the Blue team were not present. (Photo by Rich Breunig)

Set kegler varsity trial dates

Grumman varsity men bowlers have won the L. I. Industrial Bowling tourney championship 15 times since the competition started in 1942. Between '42 and 68 they won 14 times, for a better than .500 average, but since then they have won only once, in '74.

Last year the men's varsity was nosed out of the championship by 27 pins and the women finished third in their L. I. Industrial classic. If you think you can bring the championship back to Grumman in '77, fill in the accompanying entry blank and roll away.

Here are the rules for the men's varsity trials:

- To be eligible, a contestant must have compiled an average for at least 24 games in an ABC league.
- The minimum entry average for men is 175.
- If a bowler competes in more than one league, his combined average must be at least equal to 175.
- Season entry averages must be computed as of the week of December 3-10.
- Application blanks should be filled out completely and mailed to the GAA office.
- Entry deadline is December 17.

Entry qualifications for the women's trials are the same as the men with two exceptions: the entering or combined average is 125, and the league should be WIBC sanctioned.

Roll-off action for men will be on Saturday, January 22, continuing each Saturday through February 19.

Candidates for the women's varsity will bowl a total of eight games, four each on January 29 and February 5.

Varsity Bowling Trials

Entry Blank

Name .....

Badge No. .....Plant .....Dept.....Ext .....

Qualifying Averages

Men (175) Dec. 3-10, inclusive Average	League & Lanes	Women (125) Dec. 3-10, inclusive No. Games
.....	.....	.....
.....	.....	.....
.....	.....	.....

Submit to GAA OFFICE
by Friday, Dec. 17

scorecard

At the seventh annual Pt. Mugu family picnic, scores of Grumman men and women had the opportunity to exhibit their athletic prowess in such events as volleyball and horseshoes.

In the traditional women's volleyball tournament Betty Dixson and her daughters Betty and Vanessa, Lillian Adams, and Regina and Leica Jackson defeated all opposition for the 1976 title.

Immediately after the championship round, Betty and Lillian captured their second trophy of the day by winning the junior horseshoe title.

In the men's departmental volleyball competition, Product Modification and Test's "A" team were favored to win. They did just that, and captured their third championship in-a-row. The perennial champs received the grand trophy for their efforts and promised to disperse members to other teams for future competition.

Art Leseberg and Leroy Kullman were the winners in the senior horseshoe pitching tourney.

The non-Apathetics

At the start of the '76 Publications fall volleyball league, says Bill Costanzo, Syosset sports coordinator for the GAA, the Apathetics were underdogs without the spiking power needed for a winning team. On the other hand, the Pigeons looked like sure winners with two of the top spikers in the league.

As the season developed the Apathetics grew into a great team, he says, under the leadership of their captain, Ken Kretschman, and reached the playoffs against the undefeated Pigeons.

In the first game of the playoffs, the Pigeons played like hawks and defeated the Apathetics. But the next three games were won by the Apathetics who rallied and snatched the championship from the Pigeons. Ron Soreil scored crucial points as spiker; Tom Meyer and John Riccobono fielded the back court; Joe Amen and Vinnie Marchese did solid passing; and although many spikes were directed at Donna Birkel and Connie D'Agostino, Costanzo says, very few shots scored.

A shoe-in

Walter Livingston and Charlie Harvey joined forces to win the second annual Plant 77 horseshoe doubles championship. Runner-up was the team of Lucius Raysor and William Blatch. Congratulations, fellas!

Fishy story

Fellow workers and anglers in Plant 43 are still shaking their heads about Stan Musinki's fish tale. Stan claims to have hooked at 47-pound striped bass off Montauk Point on his first deep-sea outing. It must be beginner's luck.

Calverton champs

Plant 7's all star team captured its third Calverton softball title in-a-row, by defeating Plant 6, 9-8.

As in past contests, this year's final round was a cliff-hanger. After regulation play, both squads were tied, 8-8. Then, in the bottom of the tenth pitcher Joe Barczsewski singled and Dave Thomson slammed a triple to drive home the winning run.

Thomson led the Plant 7 attack by connecting for four hits, scoring two runs, and batting in two more runs.

Other members of the Plant 7 team were: Tommy Block, Artie Aguiar, Charlie Cava, Artie Donato, Bill Flatley, Mario Grzan, Bill Knaub, Mike Longo, Pete Muzzonigro, Dick Orr, John Scott, Bobby Taylor, George Zoll, and manager Pete Dutton.

Timely winners. The Nite Owl league championship was settled when the Anytimes took the playoff games 3-1 against the Flyers. (L-R) 1st row: Ducky Alston, Jon Chiusano, Frank Savage. 2nd row: Bob Miron, Dan Meder, Charley Argenzio, Warren Thomas, Ed Grabowski. 3rd row: Don Wagner, Bill Magner, Fred Sievers, Bruce Hommel, Harry Bailey, Walter Lampkin. Not pictured: Tony Kuefner, Ronny Orito, Charley Cushman, Dick Holland. (Photo by Bob Settles)

Tie breakers. After a playoff tie of two games each, the Lem Stocks defeated the Bobcats, 12-3, for the Plant 2 and 5 lunch time league softball championship. (L-R) 1st row: Larry Fey, Fred Vitale, Joe Vosefski, Barry Khecan. 2nd row: Gary Flynn, Joe Buffia, Pat Cortney, Walter Gliecit, Glen Spacht, Artie Fresca, Frank Schaefer, Floyd Miller, Harry Hulse. (Photo by Bob Settles)

GRUMMAN plane news

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